

Anti-C4 binding protein Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Rat,Dog)
Molecular Weight:	Theoretical: 26 kDa. Actual: 26 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Hela (Human) Cell Lysate at 30 µg Primary: Anti-C4 binding protein (TMAB-03440) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 26 kD Observed band size: 26 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human C4 binding protein
Antigen Species:	Human
Gene ID:	725
Uniprot ID:	P20851

Research Background

C4BPB is a member of a superfamily of proteins composed predominantly of tandemly arrayed short consensus repeats of approximately 60 amino acids. A single, unique beta-chain encoded by this gene assembles with seven identical alpha-chains into the predominant isoform of C4b-binding protein, a multimeric protein that controls activation of the complement cascade through the classical pathway. C4b-binding protein has a regulatory role in the coagulation system also, mediated through the beta-chain binding of protein S, a vitamin K-dependent protein that serves as a cofactor of activated protein C. The genes encoding both alpha and beta chains are located adjacent to each other on human chromosome 1 in the regulator of complement activation gene cluster. Alternative splicing gives rise to multiple transcript variants

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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